

in which:

a¹
R₁ represents a hydrogen atom or a linear or branched radical comprising from 1 to 15 carbon atoms, said branching or branchings optionally forming one or more carbonaceous rings comprising from 3 to 7 ring members, which can comprise one or more double bonds and/or one or more triple bonds, said double bonds optionally resulting in aromatic groups, and one or more carbon atoms of which can be replaced by an oxygen, nitrogen or sulphur atom or by an SO₂ group and the carbon atoms of which can, independently of one another, be substituted by one or more halogen atoms, the said R₁ radical comprising neither peroxide bonds nor diazo, nitro and nitroso radicals;

R₂ represents a hydrogen atom or a linear or branched radical comprising from 1 to 20 carbon atoms, said branching or branchings optionally forming one or more carbonaceous rings comprising from 3 to 7 ring members, which can comprise one or more double bonds and/or one or more triple bonds, said double bonds optionally resulting in aromatic groups, and one or more carbon atoms of which can be replaced by an oxygen, nitrogen or sulphur atom or by an SO₂ group and the carbon atoms of which can, independently of one another, be substituted by one or more halogen atoms, the said R₂ radical comprising neither peroxide bonds nor diazo, nitro and nitroso radicals;

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R₃, R₄ and R₅, which are identical or different, represent a hydrogen or halogen atom or a linear or branched radical comprising from 1 to 20 carbon atoms, said branching or branchings optionally forming one or more rings comprising from 3 to 7 ring members, which can comprise one or more double bonds and/or one or more triple bonds, said double bonds optionally resulting in aromatic groups, and one or more carbon atoms of which can be replaced by an oxygen, nitrogen or sulphur atom or by an SO₂ group and the carbon atoms of which can, independently of one another, be substituted by one or more halogen atoms, the said radical comprising neither peroxide bonds nor diazo, nitro and nitroso radicals and it being understood that R₅ cannot represent a hydroxyl, thio or amino radical and it being understood that the R₃, R₄ and R₅ radicals cannot be connected to the benzene ring of the formula (I) via an -NH-NH- bond;

Y represents a hydrogen or halogen atom; an -OR₆, -SR₆ or -NH-SO₂R₆ group in which R₆ represents a linear or branched C₁-C₆ alkyl radical, said branching or branchings optionally forming one or more rings comprising from 3 to 6 ring members, optionally substituted by one or more radicals chosen from the group: halogen, hydroxyl, C₁-C₄ alkoxy, amino or C₁-C₄ aminoalkyl; a phenyl radical, optionally substituted by one or two radicals chosen from the group: C₁-C₄ alkyl, trifluoromethyl, carboxyl, C₁-C₄ alkoxycarbonyl, halogen, hydroxyl, C₁-C₄ alkoxy, amino or C₁-C₄ amino-alkyl; or a benzyl radical.

2. (Amended) Composition according to Claim 1, wherein R₁ denotes a hydrogen atom; an A₁ group composed of a linear or branched C₁-C₈ alkyl radical which can carry one or two double bonds or one triple bond, which may or may not be substituted by a group chosen from an A₂, A₄ and A₅ group as defined below, which may or may not be substituted by one or two identical or different groups chosen from the N-(C₁-C₃)alkylamino, N-(C₁-C₃)-alkyl-N-(C₁-C₃)alkylamino, (C₁-C₆)alkoxy, oxo, alkoxy-carbonyl, acyloxy, amido, acylamino, ureyl, sulphoxy, sulphonyl, sulphonamido, sulphonylamino, bromo, cyano or carboxyl groups, and which may or may not be substituted by one or more hydroxyl, fluoro or chloro groups; an A₂ group composed of an aromatic group of phenyl or naphthyl type which may or may not be substituted by one to three identical or different groups chosen from the methyl, trifluoromethyl, ethyl, isopropyl, butyl, pentyl, fluoro, chloro, bromo, methoxy, trifluoromethoxy, ethoxy, propyloxy, acetyl-oxy, acetyl and cyano groups; an A₃ group composed of heteroaromatic groups chosen from the furanyl, thio-phenyl, pyrrolyl, imidazolyl, thiazolyl, oxazolyl, 1,2,3-triazolyl, 1,2,4-triazolyl, isoxazolyl, iso-thiazolyl, pyrazolyl, pyrazolotriazolyl, pyrazolo-imidazolyl, pyrrolotriazolyl, pyrazolopyrimidyl, pyrazolopyridyl, pyridyl, pyrimidyl, benzimidazolyl, benzoxazolyl, benzothiazolyl, indolyl, indolidinyl, isoindolyl, indazolyl, benzotriazolyl, quinolinyl, benzimidazolyl or benzopyrimidyl groups, optionally substituted by 1 to 3 radicals chosen from linear or branched C₁-C₄ alkyl, C₁-C₄ (poly)hydroxyalkyl, carboxyl, alkoxycarbonyl, halogen, amido, amino or hydroxyl; an A₄ group composed of a C₃-C₇ cycloalkyl radical or a norbornanyl radical optionally carrying a double bond and optionally substituted by 1 or 2 radicals defined by linear or branched C₁-C₄ alkyl, C₁-C₄ (poly)hydroxyalkyl, carboxyl, alkoxycarbonyl, halogen, amido, amino or hydroxyl; or an A₅ group composed of a heterocycle chosen from the dihydrofuranyl, tetrahydrofuranyl, butyrolactoneyl, dihydrothiophenyl, tetrahydrothiophenyl, tetrahydrothiophenoneyl, imino-thiolanyl,

dihydropyrrolyl, pyrrolidinyl, pyrroli-dinoneyl, imidazolidinoneyl, imidazolidinethioneyl, oxazolidinyl, oxazolidinoneyl, oxazolanethioneyl, thiazolidinyl, isothiazoloneyl, mercaptothiazolinyl, pyrazolidinoneyl, iminothiolanyl, dioxolanyl, penta-lactoneyl, dioxanyl, dihydropyridinyl, piperidinyl, pentalactamyl, morpholinyl, pyrazoli(di)nyl, pyrimi(di)nyl, pyrazinyl, piperazinyl and azepinyl rings.

3. (Amended) Composition according to Claim 2, wherein R₁ represents a hydrogen atom, a methyl, ethyl, isopropyl, allyl, phenyl, benzyl, fluorobenzyl, hydroxybenzyl, difluorobenzyl, trifluorobenzyl, chlorobenzyl, bromobenzyl, methoxybenzyl, dimethoxy-benzyl, (trifluoromethoxy)benzyl, 3,4-methylenedioxy-benzyl, 6-chloropiperonyl, 4-methylthiobenzyl, 4-methylsulphonylbenzyl, 4-acetylaminobenzyl, 4-carboxybenzyl, 1-naphthomethyl or 2-naphthomethyl radical; or a 2-hydroxyethyl, 2-methoxyethyl or 2-ethoxyethyl group.

4. (Amended) Composition according to Claim 1, characterized in that, in the said compounds of formula (I), R₂ denotes a hydrogen atom; an amino group; or an A₁ group composed of a linear or branched C₁-C₈ alkyl radical which can carry one or two double bonds or one triple bond, which may or may not be substituted by a group chosen from an A₂, A₄ and A₅ group as defined below, which may or may not be substituted by one or two identical or different groups chosen from the N-(C₁-C₃)alkylamino, N-(C₁-C₃)-alkyl-N-(C₁-C₃)alkylamino, (C₁-C₆)alkoxy, oxo, alkoxy-carbonyl, acyloxy, amido, acylamino, ureyl, sulphoxy, sulphonyl, sulphonamido, sulphonylamino, bromo, cyano or carboxyl groups, and which may or may not be substituted by one or more hydroxyl, fluoro or chloro groups; an A₂ group composed of an aromatic group of phenyl or naphthyl type which may or may not be substituted by one to three identical or different groups chosen from the methyl, trifluoromethyl, ethyl, isopropyl, butyl, pentyl, fluoro, chloro, bromo, methoxy, trifluoromethoxy, ethoxy, propyloxy, acetyl-oxy, acetyl

and cyano groups; an A₃ group composed of heteroaromatic groups chosen from the furanyl, thio-phenyl, pyrrolyl, imidazolyl, thiazolyl, oxazolyl, 1,2,3-triazolyl, 1,2,4-triazolyl, isoxazolyl, iso-thiazolyl, pyrazolyl, pyrazolotriazolyl, pyrazolo-imidazolyl, pyrrolotriazolyl, pyrazolopyrimidyl, pyrazolopyridyl, pyridyl, pyrimidyl, benzimidazolyl, benzoxazolyl, benzothiazolyl, indolyl, indolidinyl, isoindolyl, indazolyl, benzotriazolyl, quinolyl, benzimidazolyl or benzopyrimidyl groups, optionally substituted by 1 to 3 radicals chosen from linear or branched C₁-C₄ alkyl, C₁-C₄ (poly)hydroxyalkyl, carboxyl, alkoxy-carbonyl, halogen, amido, amino or hydroxyl; an A₄ group composed of a C₃-C₇ cycloalkyl radical or a norbornanyl radical optionally carrying a double bond and optionally substituted by 1 or 2 radicals defined by linear or branched C₁-C₄ alkyl, C₁-C₄ (poly)hydroxyalkyl, carboxyl, alkoxy-carbonyl, halogen, amido, amino or hydroxyl; or an A₅ group composed of a heterocycle chosen from the dihydrofuranyl, tetrahydrofuranyl, butyrolactoneyl, dihydrothiophenyl, tetrahydrothiophenyl, tetrahydrothiophenoneyl, imino-thiolanyl, dihydropyrrolyl, pyrrolidinyl, pyrroli-dinoneyl, imidazolidinoneyl, imidazolidinethioneyl, oxazolidinyl, oxazolidinoneyl, oxazolanethioneyl, thiazolidinyl, isothiazoloneyl, mercaptothiazolyl, pyrazolidinoneyl, iminothiolanyl, dioxolanyl, penta-lactoneyl, dioxanyl, dihydropyridinyl, piperidinyl, pentalactamyl, morpholinyl, pyrazoli(di)nyl, pyrimi(di)nyl, pyrazinyl, piperazinyl and azepinyl rings; the said A₁, A₂, A₃, A₄ or A₅ groups optionally being separated from the sulphur, situated in the 8 position, of the sulphonamide functional group of the said compound of formula (I) by an -NH- or -N-(C₁-C₃)alkyl- group.

5. (Amended) Composition according to Claim 4, wherein R₂ denotes a radical chosen from the group (G1) consisting of a methyl, trifluoromethyl, ethyl, 2-chloroethyl, propyl, 3-chloropropyl, isopropyl, butyl, phenyl, ethoxy, amino and dimethylamino radical.

6. (Amended) Composition according to Claim 1, characterized in that, in the said compounds of formula (I), R_3 and R_4 , which are identical or different, denote a hydrogen or halogen atom; a hydroxyl or amino group; an A_1 , A_4 or A_5 group ; or an A_1 , A_2 , A_3 , A_4 or A_5 group which is separated from the phenol nucleus of the said formula (I) by an oxygen atom or by an -NH-, -N-(C_1 - C_3)alkyl-, -O(CO)-, -NH(CO)-, -N-(C_1 - C_3)alkyl(CO)-, -NH[C=NH]-, -NH(CO)NH-, -NH(CO)N-(C_1 - C_3)alkyl-, -NH(CO)O-, -NHSO₂-, -NHSO₂NH- or -NHSO₂N-(C_1 - C_3)alkyl- group said A_1 group being composed of a linear or branched C_1 - C_8 alkyl radical which can carry one or two double bonds or one triple bond, which may or may not be substituted by a group chosen from an A_2 , A_4 and A_5 group as defined below, which may or may not be substituted by one or two identical or different groups chosen from the N-(C_1 - C_3)alkylamino, N-(C_1 - C_3)-alkyl-N-(C_1 - C_3)alkylamino, (C_1 - C_6)alkoxy, oxo, alkoxy-carbonyl, acyloxy, amido, acylamino, ureyl, sulphoxy, sulphonyl, sulphonamido, sulphonylamino, bromo, cyano or carboxyl groups, and which may or may not be substituted by one or more hydroxyl, fluoro or chloro groups; said A_2 group being composed of an aromatic group of phenyl or naphthyl type which may or may not be substituted by one to three identical or different groups chosen from the methyl, trifluoromethyl, ethyl, isopropyl, butyl, pentyl, fluoro, chloro, bromo, methoxy, trifluoromethoxy, ethoxy, propyloxy, acetyl-oxy, acetyl and cyano groups; said A_3 group being composed of heteroaromatic groups chosen from the furanyl, thio-phenyl, pyrrolyl, imidazolyl, thiazolyl, oxazolyl, 1,2,3-triazolyl, 1,2,4-triazolyl, isoxazolyl, iso-thiazolyl, pyrazolyl, pyrazolotriazolyl, pyrazolo-imidazolyl, pyrrolotriazolyl, pyrazolopyrimidyl, pyrazolopyridyl, pyridyl, pyrimidyl, benzimidazolyl, benzoxazolyl, benzothiazolyl, indolyl, indolidinyl, isoindolyl, indazolyl, benzotriazolyl, quinolinyl, benzimidazolyl or benzopyrimidyl groups, optionally substituted by 1 to 3 radicals chosen from linear or branched C_1 - C_4 alkyl, C_1 - C_4 (poly)hydroxyalkyl, carboxyl,

alkoxycarbonyl, halogen, amido, amino or hydroxyl; said A₄ group being composed of a C₃-C₇ cycloalkyl radical or a norbornanyl radical optionally carrying a double bond and optionally substituted by 1 or 2 radicals defined by linear or branched C₁-C₄ alkyl, C₁-C₄ (poly)hydroxyalkyl, carboxyl, alkoxycarbonyl, halogen, amido, amino or hydroxyl; and said A₅ group being composed of a heterocycle chosen from the dihydrofuranyl, tetrahydrofuranyl, butyrolactoneyl, dihydrothiophenyl, tetrahydrothiophenyl, tetrahydrothiophenoneyl, imino-thiolanyl, dihydropyrrolyl, pyrrolidinyl, pyrroli-dinoneyl, imidazolidinoneyl, imidazolidinethioneyl, oxazolidinyl, oxazolidinoneyl, oxazolanethioneyl, thiazolidinyl, isothiazoloneyl, mercaptothiazolanyl, pyrazolidinoneyl, iminothiolanyl, dioxolanyl, penta-lactoneyl, dioxanyl, dihydropyridinyl, piperidinyl, pentalactamyl, morpholinyl, pyrazoli(di)nyl, pyrimi(di)nyl, pyrazinyl, piperazinyl and azepinyl rings .

7. (Amended) Composition according to Claim 6, characterized in that R₃ represents a hydrogen or chlorine atom; a methyl, hydroxymethyl, methoxymethyl, 1-hydroxyethyl, aminomethyl or methylaminomethyl radical; a hydroxyl, methoxy or acetoxy radical; an amino, methylamino or 2-hydroxyethylamino radical; an -NH(CO)R₇ group in which R₇ represents a radical chosen from the group (G₂) consisting of the methyl, ethyl, propyl, isopropyl, butyl, isobutyl, tert-butyl, pentyl, isopentyl, neopentyl, hexyl; cyclopropyl, cyclobutyl, cyclopentyl, cyclopentylmethyl, 3-cyclopentylpropyl, cyclohexyl, 2-cyclohexylethyl, norbornan-2-yl, vinyl, 1-methylvinyl, 2-methylvinyl, 2,2-dimethylvinyl, allyl, 3-butenyl; phenyl, methylphenyl, dimethyl-phenyl, 2,4,6-trimethylphenyl, 4-ethylphenyl, (tri-fluoromethyl)phenyl, hydroxyphenyl, methoxyphenyl, ethoxyphenyl, acetoxyphenyl, (trifluoromethoxy)phenyl, aminophenyl, 4-dimethylaminophenyl, fluorophenyl, difluorophenyl, fluoro(trifluoromethyl)phenyl, chloro-phenyl, dichlorophenyl, bromophenyl, naphth-1-yl, naphth-2-yl, (2-methoxy)naphth-1-yl, benzyl, 4'-methoxybenzyl, 2',5'-dimethoxybenzyl, 3',4'-di-methoxybenzyl, 4'-fluorobenzyl,

4'-chlorobenzyl, phenethyl, 2-phenylvinyl, (1-naphthyl)methyl, (2-naphthyl)methyl; tetrahydrofuran-2-yl, furan-2-yl, 5-methyl-2-(trifluoromethyl)furan-3-yl, 2-methyl-5-phenylfuran-3-yl, thiophen-2-yl, (thiophen-2-yl)-methyl, 3-chlorothiophen-2-yl, 2,5-dichlorothiophen-3-yl, benzothiophen-2-yl, 3-chlorobenzothiophen-2-yl, isoxazol-5-yl, 5-methylisoxazol-3-yl, 3,5-dimethyl-isoxazol-4-yl, 1,3-dimethylpyrazol-5-yl, 1-ethyl-3-methylpyrazol-5-yl, 1-tert-butyl-3-methylpyrazol-5-yl, 3-tert-butyl-1-methylpyrazol-5-yl, 4-bromo-1-ethyl-3-methylpyrazol-5-yl, indol-3-ylcarboxyl, pyridinyl, chloropyridinyl, dichloropyridinyl, 5-(bromo)pyridin-3-yl, piperazin-2-yl, quinoxal-2-yl; fluoromethyl, difluoromethyl, trifluoromethyl, 1,1,2,2-tetrafluoroethyl, pentafluoroethyl, hepta-fluoropropyl, 1,1,2,2,3,3,4,4-octafluorobutyl, nona-fluorobutyl, chloromethyl, chloroethyl, 1,1-dimethyl-2-chloroethyl, 1,2-dichloroethyl, 1-chloropropyl, 3-chloropropyl, 4-chlorobutyl, hydroxymethyl, methoxy-methyl, phenoxymethyl, (4-chlorophenoxy)methyl, benzyloxymethyl, acetoxymethyl, 1,2-dihydroxyethyl, 1-phenoxyethyl, 1-acetoxyethyl, 2-(2-carboxyethoxy)-ethyl, 1-phenoxyethyl, 1-acetoxyethyl, methoxy-carbonyl, ethoxycarbonyl, (methoxycarbonyl)methyl, 2-carboxyethyl, 2-(methoxycarbonyl)ethyl, 2-carboxy-cyclopropyl, 2-carboxycyclohexane; methoxy, ethoxy, propoxy, isopropoxy, butoxy, isobutoxy, pentoxy, neopentoxy, hexyloxy, cyclopentyloxy, cyclohexyloxy, vinyloxy, allyloxy, propargyloxy, chloromethoxy, 1-chloroethoxy, 2-methoxyethoxy, 4-chlorobutoxy, phenoxy, 4-methylphenoxy, 4-fluorophenoxy, 4-bromo-phenoxy, 4-chlorophenoxy, 4-methoxyphenoxy, naphth-2-yloxy, benzyloxy; amino, methylamino, ethylamino, propylamino, isopropylamino, butylamino, cyclohexyl-amino, allylamino, 2-chloroethylamino, 3-chloropropyl-amino, carboxymethylamino, phenylamino, fluorophenyl-amino, (trifluoromethyl)phenylamino, chlorophenyl-amino, bromophenylamino, 4-acetylphenylamino, methoxy-phenylamino, (trifluoromethoxy)phenylamino, naphth-1-ylamino, benzylamino, phenethylamino, pyrid-3-ylamino, dimethylamino, 1-pyrrolidinyl and 4-morpholinyl radicals; or an -NHSO₂R_g group in which R_g represents a radical chosen from the group (G1) consisting of a methyl,

trifluoromethyl, ethyl, 2-chloroethyl, propyl, 3-chloropropyl, isopropyl, butyl, phenyl, ethoxy, amino and dimethylamino radical

8. (Amended) Composition according to Claim 6, characterized in that R_4 represents a hydrogen or chlorine atom; a methyl, ethyl, hydroxymethyl, methoxymethyl, amino-methyl or methylaminomethyl radical; a hydroxyl, methoxy, acetoxo, amino, methylamino, N-piperidino or N-morpholino group; an $-NH(CO)R_{10}$ group in which R_{10} represents one of the radicals chosen from the group (G2) consisting of the methyl, ethyl, propyl, isopropyl, butyl, isobutyl, tert-butyl, pentyl, isopentyl, neopentyl, hexyl; cyclopropyl, cyclobutyl, cyclopentyl, cyclopentylmethyl, 3-cyclopentylpropyl, cyclohexyl, 2-cyclohexylethyl, norbornan-2-yl, vinyl, 1-methylvinyl, 2-methylvinyl, 2,2-dimethylvinyl, allyl, 3-butenyl; phenyl, methylphenyl, dimethyl-phenyl, 2,4,6-trimethylphenyl, 4-ethylphenyl, (tri-fluoromethyl)phenyl, hydroxyphenyl, methoxyphenyl, ethoxyphenyl, acetoxypheyl, (trifluoromethoxy)phenyl, aminophenyl, 4-dimethylaminophenyl, fluorophenyl, difluorophenyl, fluoro(trifluoromethyl)phenyl, chloro-phenyl, dichlorophenyl, bromophenyl, naphth-1-yl, naphth-2-yl, (2-methoxy)naphth-1-yl, benzyl, 4'-methoxybenzyl, 2',5'-dimethoxybenzyl, 3',4'-di-methoxybenzyl, 4'-fluorobenzyl, 4'-chlorobenzyl, phenethyl, 2-phenylvinyl, (1-naphthyl)methyl, (2-naphthyl)methyl; tetrahydrofuran-2-yl, furan-2-yl, 5-methyl-2-(trifluoromethyl)furan-3-yl, 2-methyl-5-phenylfuran-3-yl, thiophen-2-yl, (thiophen-2-yl)-methyl, 3-chlorothiophen-2-yl, 2,5-dichlorothiophen-3-yl, benzothiophen-2-yl, 3-chlorobenzothiophen-2-yl, isoxazol-5-yl, 5-methylisoxazol-3-yl, 3,5-dimethyl-isoxazol-4-yl, 1,3-dimethylpyrazol-5-yl, 1-ethyl-3-methylpyrazol-5-yl, 1-tert-butyl-3-methylpyrazol-5-yl, 3-tert-butyl-1-methylpyrazol-5-yl, 4-bromo-1-ethyl-3-methylpyrazol-5-yl, indol-3-ylcarboxyl, pyridinyl, chloropyridinyl, dichloropyridinyl, 5-(bromo)pyridin-3-yl, piperazin-2-yl, quinoxal-2-yl; fluoromethyl, difluoromethyl, trifluoromethyl, 1,1,2,2-tetrafluoroethyl, pentafluoroethyl, hepta-fluoropropyl, 1,1,2,2,3,3,4,4-octafluorobutyl, nona-fluorobutyl, chloromethyl, chloroethyl, 1,1-dimethyl-2-chloroethyl, 1,2-dichloroethyl, 1-chloropropyl,

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3-chloropropyl, 4-chlorobutyl, hydroxymethyl, methoxy-methyl, phenoxymethyl, (4-chlorophenoxy)methyl, benzyloxymethyl, acetoxymethyl, 1,2-dihydroxyethyl, 1-phenoxyethyl, 1-acetoxyethyl, 2-(2-carboxyethoxy)-ethyl, 1-phenoxyethyl, 1-acetoxyethyl, methoxy-carbonyl, ethoxycarbonyl, (methoxycarbonyl)methyl, 2-carboxyethyl, 2-(methoxycarbonyl)ethyl, 2-carboxy-cyclopropyl, 2-carboxycyclohexane; methoxy, ethoxy, propoxy, isopropoxy, butoxy, isobutoxy, pentoxy, neopentoxy, hexyloxy, cyclopentyloxy, cyclohexyloxy, vinyloxy, allyloxy, propargyloxy, chloromethoxy, 1-chloroethoxy, 2-methoxyethoxy, 4-chlorobutoxy, phenoxy, 4-methylphenoxy, 4-fluorophenoxy, 4-bromo-phenoxy, 4-chlorophenoxy, 4-methoxyphenoxy, naphth-2-yloxy, benzyloxy; amino, methylamino, ethylamino, propylamino, isopropylamino, butylamino, cyclohexyl-amino, allylamino, 2-chloroethylamino, 3-chloropropyl-amino, carboxymethylamino, phenylamino, fluorophenyl-amino, (trifluoromethyl)phenylamino, chlorophenyl-amino, bromophenylamino, 4-acetylphenylamino, methoxy-phenylamino, (trifluoromethoxy)phenylamino, naphth-1-ylamino, benzylamino, phenethylamino, pyrid-3-ylamino, dimethylamino, 1-pyrrolidinyl and 4-morpholinyl radicals; or an -NHSO₂R₁₁ group in which R₁₁ represents one of the radicals chosen from the group (G1) consisting of a methyl, trifluoromethyl, ethyl, 2-chloroethyl, propyl, 3-chloropropyl, isopropyl, butyl, phenyl, ethoxy, amino and dimethylamino radical..

9. (Amended) Composition according to Claim 1, characterized in that, in the said compounds of formula (I), R₅ denotes a hydrogen or halogen atom; an A₁, A₄ or A₅ group or an A₁, A₂, A₃, A₄ or A₅ group which is separated from the phenyl nucleus of the compounds of formula (I) by an oxygen or sulphur atom or by an -NH-, -N-(C₁-C₃)alkyl-, -NH(CO)-, -N-(C₁-C₃)alkyl(CO)-, -NH[C=NH]-, -NH(CO)NH-, -NH(CO)N-(C₁-C₃)alkyl- or -NH(CO)O- group; wherein said A₁ group is composed of a linear or branched C₁-C₈ alkyl radical which can carry one or two double bonds or one triple bond, which may or may not be substituted by a

group chosen from an A₂, A₄ and A₅ group as defined below, which may or may not be substituted by one or two identical or different groups chosen from the N-(C₁-C₃)alkylamino, N-(C₁-C₃)-alkyl-N-(C₁-C₃)alkylamino, (C₁-C₆)alkoxy, oxo, alkoxy-carbonyl, acyloxy, amido, acylamino, ureyl, sulphoxy, sulphonyl, sulphonamido, sulphonylamino, bromo, cyano or carboxyl groups, and which may or may not be substituted by one or more hydroxyl, fluoro or chloro groups; said A₂ group being composed of an aromatic group of phenyl or naphthyl type which may or may not be substituted by one to three identical or different groups chosen from the methyl, trifluoromethyl, ethyl, isopropyl, butyl, pentyl, fluoro, chloro, bromo, methoxy, trifluoromethoxy, ethoxy, propyloxy, acetyl-oxy, acetyl and cyano groups; said A₃ group composed of heteroaromatic groups chosen from the furanyl, thio-phenyl, pyrrolyl, imidazolyl, thiazolyl, oxazolyl, 1,2,3-triazolyl, 1,2,4-triazolyl, isoxazolyl, iso-thiazolyl, pyrazolyl, pyrazolotriazolyl, pyrazolo-imidazolyl, pyrrolotriazolyl, pyrazolopyrimidyl, pyrazolopyridyl, pyridyl, pyrimidyl, benzimidazolyl, benzoxazolyl, benzothiazolyl, indolyl, indolidinyl, isoindolyl, indazolyl, benzotriazolyl, quinolinyl, benzimidazolyl or benzopyrimidyl groups, optionally substituted by 1 to 3 radicals chosen from linear or branched C₁-C₄ alkyl, C₁-C₄ (poly)hydroxyalkyl, carboxyl, alkoxycarbonyl, halogen, amido, amino or hydroxyl; said A₄ group being composed of a C₃-C₇ cycloalkyl radical or a norbornanyl radical optionally carrying a double bond and optionally substituted by 1 or 2 radicals defined by linear or branched C₁-C₄ alkyl, C₁-C₄ (poly)hydroxyalkyl, carboxyl, alkoxycarbonyl, halogen, amido, amino or hydroxyl; and said A₅ group being composed of a heterocycle chosen from the dihydrofuranyl, tetrahydrofuranyl, butyrolactoneyl, dihydrothiophenyl, tetrahydrothiophenyl, tetrahydrothiophenoneyl, imino-thiolanyl, dihydropyrrolyl, pyrrolidinyl, pyrroli-dinoneyl, imidazolidinoneyl, imidazolidinethioneyl, oxazolidinyl, oxazolidinoneyl, oxazolanethioneyl, thiazolidinyl, isothiazoloneyl, mercaptothiazolinyl, pyrazolidinoneyl, iminothiolanyl, dioxolanyl,

penta-lactoneyl, dioxanyl, dihydropyridinyl, piperidinyl, pentalactamyl, morpholinyl, pyrazoli(di)nyl, pyrimi(di)nyl, pyrazinyl, piperazinyl and azepinyl rings.

10. (Amended) Composition according to Claim 9, characterized in that R_5 represents a hydrogen, chlorine, fluorine or bromine atom; a methyl, trifluoromethyl, allyl, hydroxymethyl, methoxymethyl, 1-hydroxyethyl, aminomethyl, methylaminomethyl, methoxy, acetoxy or methylamino radical; an $-NH(CO)R_{13}$ group in which R_{13} represents one of the radicals (G2) chosen from the group consisting of the methyl, ethyl, propyl, isopropyl, butyl, isobutyl, tert-butyl, pentyl, isopentyl, neopentyl, hexyl; cyclopropyl, cyclobutyl, cyclopentyl, cyclopentylmethyl, 3-cyclopentylpropyl, cyclohexyl, 2-cyclohexylethyl, norbornan-2-yl, vinyl, 1-methylvinyl, 2-methylvinyl, 2,2-dimethylvinyl, allyl, 3-butenyl; phenyl, methylphenyl, dimethyl-phenyl, 2,4,6-trimethylphenyl, 4-ethylphenyl, (tri-fluoromethyl)phenyl, hydroxyphenyl, methoxyphenyl, ethoxyphenyl, acetoxyphenyl, (trifluoromethoxy)phenyl, aminophenyl, 4-dimethylaminophenyl, fluorophenyl, difluorophenyl, fluoro(trifluoromethyl)phenyl, chloro-phenyl, dichlorophenyl, bromophenyl, naphth-1-yl, naphth-2-yl, (2-methoxy)naphth-1-yl, benzyl, 4'-methoxybenzyl, 2',5'-dimethoxybenzyl, 3',4'-di-methoxybenzyl, 4'-fluorobenzyl, 4'-chlorobenzyl, phenethyl, 2-phenylvinyl, (1-naphthyl)methyl, (2-naphthyl)methyl; tetrahydrofuran-2-yl, furan-2-yl, 5-methyl-2-(trifluoromethyl)furan-3-yl, 2-methyl-5-phenylfuran-3-yl, thiophen-2-yl, (thiophen-2-yl)-methyl, 3-chlorothiophen-2-yl, 2,5-dichlorothiophen-3-yl, benzothiophen-2-yl, 3-chlorobenzothiophen-2-yl, isoxazol-5-yl, 5-methylisoxazol-3-yl, 3,5-dimethyl-isoxazol-4-yl, 1,3-dimethylpyrazol-5-yl, 1-ethyl-3-methylpyrazol-5-yl, 1-tert-butyl-3-methylpyrazol-5-yl, 3-tert-butyl-1-methylpyrazol-5-yl, 4-bromo-1-ethyl-3-methylpyrazol-5-yl, indol-3-ylcarboxyl, pyridinyl, chloropyridinyl, dichloropyridinyl, 5-(bromo)pyridin-3-yl, piperazin-2-yl, quinoxal-2-yl; fluoromethyl, difluoromethyl, trifluoromethyl, 1,1,2,2-tetrafluoroethyl, pentafluoroethyl, hepta-fluoropropyl, 1,1,2,2,3,3,4,4-octafluorobutyl, nona-fluorobutyl,

a/ chloromethyl, chloroethyl, 1,1-dimethyl-2-chloroethyl, 1,2-dichloroethyl, 1-chloropropyl, 3-chloropropyl, 4-chlorobutyl, hydroxymethyl, methoxy-methyl, phenoxymethyl, (4-chlorophenoxy)methyl, benzyloxymethyl, acetoxymethyl, 1,2-dihydroxyethyl, 1-phenoxyethyl, 1-acetoxyethyl, 2-(2-carboxyethoxy)-ethyl, 1-phenoxyethyl, 1-acetoxyethyl, methoxy-carbonyl, ethoxycarbonyl, (methoxycarbonyl)methyl, 2-carboxyethyl, 2-(methoxycarbonyl)ethyl, 2-carboxy-cyclopropyl, 2-carboxycyclohexane; methoxy, ethoxy, propoxy, isopropoxy, butoxy, isobutoxy, pentoxy, neopentoxy, hexyloxy, cyclopentyloxy, cyclohexyloxy, vinyloxy, allyloxy, propargyloxy, chloromethoxy, 1-chloroethoxy, 2-methoxyethoxy, 4-chlorobutoxy, phenoxy, 4-methylphenoxy, 4-fluorophenoxy, 4-bromo-phenoxy, 4-chlorophenoxy, 4-methoxyphenoxy, naphth-2-yloxy, benzyloxy; amino, methylamino, ethylamino, propylamino, isopropylamino, butylamino, cyclohexyl-amino, allylamino, 2-chloroethylamino, 3-chloropropyl-amino, carboxymethylamino, phenylamino, fluorophenyl-amino, (trifluoromethyl)phenylamino, chlorophenyl-amino, bromophenylamino, 4-acetylphenylamino, methoxy-phenylamino, (trifluoromethoxy)phenylamino, naphth-1-ylamino, benzylamino, phenethylamino, pyrid-3-ylamino, dimethylamino, 1-pyrrolidinyl and 4-morpholinyl radicals; or an -NHSO₂R₁₄ group in which R₁₄ represents one of the radicals (G1) chosen from the group consisting of a methyl, trifluoromethyl, ethyl, 2-chloroethyl, propyl, 3-chloropropyl, isopropyl, butyl, phenyl, ethoxy, amino and dimethylamino radical..

11. (Amended) Composition according to Claim 1, characterized in that, in the said compounds of formula (I), Y denotes a hydrogen, chlorine, fluorine or bromine atom; a methoxy, ethoxy, propoxy, benzyloxy or phenoxy group; or an -OCH₂CH₂OCH₃, -OCH₂CH₂OCH₃, -OCH₂CH₂N(CH₃)₂, -OCH₂(CO)OH, -OCH₂(CO)OCH₃, -OCH₂(CO)OC₂H₅, -SCH₂CH₂CO₂H or -NHSO₂CH₃ group.

12. (Amended) Composition according to Claim 1, characterized in that the compounds of formula (I) are chosen from those in which:

- i) - R_1 represents a hydrogen atom;
- R_2 represents a methyl, ethyl, phenyl or dimethylamino radical;
- R_3 represents a hydroxyl, amino or methylamino radical; an $-NH(CO)R_{16}$ group

p¹ in which R_{16} represents a radical chosen from the group (G4) consisting of the methyl, methoxymethyl, 2-carboxyethyl, methoxy, amino, ethylamino and 1-pyrrolidinyl radicals; methanesulphonyl-amino, ethanesulphonylamino and dimethylaminosulphonyl-amino;

- R_4 represents a hydrogen or chlorine atom or a methyl group;
- R_5 represents a hydrogen, chlorine or fluorine atom or a methyl group;
- Y represents a hydrogen or chlorine atom or a methoxy or $-OCH_2(CO)OCH_3$ group;

- ii)- R_1 represents a hydrogen atom;
- R_2 represents a methyl, ethyl, phenyl or dimethyl-amino radical;
- R_3 represents a hydrogen atom or a methyl radical;
- R_4 represents a hydroxyl, amino, methylamino or $-NH(CO)R_{17}$ group in which R_{17} represents one of the radicals listed in the group (G4) defined above; or a methanesulphonylamino, ethanesulphonylamino or dimethylaminosulphonylamino group;
- R_5 represents a hydrogen, chlorine or fluorine atom or a methyl, methoxy or methylamino group;

- Y represents a hydrogen or chlorine atom or a methoxy or $-\text{OCH}_2(\text{CO})\text{OCH}_3$ group;

iii) - R_1 represents a hydrogen atom;

- R_2 represents a methyl, ethyl, phenyl or dimethyl-amino radical;

- R_3 represents a hydrogen atom or a methyl radical;

- R_4 represents a hydrogen or chlorine atom or a methyl, methoxy or methylamino radical;

- R_5 represents a methylamino or $-\text{NH}(\text{CO})\text{R}_{18}$ group in which R_{18} represents one of the radicals listed in the group (G4) defined above; or a methanesulphonylamino, ethanesulphonylamino or dimethylaminosulphonylamino group;

- Y represents a hydrogen or chlorine atom or a methoxy or $-\text{OCH}_2(\text{CO})\text{OCH}_3$ group;

iv) - R_1 represents a hydrogen atom;

- R_2 represents a methyl, ethyl, phenyl or dimethylamino radical;

- R_3 represents a hydrogen atom or a methyl radical;

- R_4 represents a hydrogen or chlorine atom or a methyl radical;

- R_5 represents a hydrogen, chlorine or fluorine atom or a methyl radical;

- Y represents a hydrogen or chlorine atom or a methoxy or $-\text{OCH}_2(\text{CO})\text{OCH}_3$ group.

13. (Amended) Composition according to Claim 1, characterized in that the compounds of formula (I) are chosen from:


- N-(2-hydroxyphenyl)methanesulphonamide;
- N-(2-hydroxy-4-methylphenyl)methanesulphonamide;
- N-(2-hydroxy-4-aminophenyl)methanesulphonamide;
- N-(2-hydroxy-4-(acetylamino)phenyl)methane-sulphonamide;
- N-(2-hydroxy-4-(methoxycarbonylamino)phenyl)-methanesulphonamide;
- N-(2-hydroxy-5-chlorophenyl)methanesulphonamide;
- N-(2-hydroxy-4-methyl-5-chlorophenyl)methane-sulphonamide;
- N-(2-hydroxy-4-amino-5-chlorophenyl)methane-sulphonamide;
- N-(2-hydroxy-4-acetylamino-5-chlorophenyl)-methanesulphonamide;
- N-(2-hydroxy-4-methoxycarbonylamino-5-chloro-phenyl)methanesulphonamide;
- N-(2-hydroxy-5-methoxyphenyl)methanesulphonamide;
- N-(2-hydroxy-4-methyl-5-methoxyphenyl)methane-sulphonamide;
- N-(2-hydroxy-4-amino-5-methoxyphenyl)methane-sulphonamide;
- N-(2-hydroxy-4-acetylamino-5-methoxyphenyl)-methanesulphonamide;
- N-(2-hydroxy-4-methoxycarbonylamino-

5-methoxy-phenyl)methanesulphonamide;

- N-(2-hydroxy-6-aminophenyl)methanesulphonamide;
- N-(2-hydroxy-6-(acetylamino)phenyl)methane-sulphonamide;
- N-(2-hydroxy-4,6-diaminophenyl)methane-sulphonamide;
- N-(2-hydroxy-4-acetylamino-6-aminophenyl)methane-sulphonamide;
- N-(2-hydroxy-3,5-dichloro-4-methylphenyl)methane-sulphonamide;
- N-(2-hydroxy-3,5-dichloro-4-aminophenyl)methane-sulphonamide;
- N-(2-hydroxy-3,5-dichloro-4-(acetylamino)phenyl)-methanesulphonamide;
- N-(2-hydroxy-3,5-dichloro-

4-(methoxycarbonyl-amino)phenyl)methanesulphonamide;

- N-(2-hydroxy-3-(methanesulphonylamino)phenyl)-methanesulphonamide;

- 
- N-(2-hydroxyphenyl)benzenesulphonamide;
 - N-(2-hydroxy-4-methylphenyl)benzenesulphonamide;
 - N-(2-hydroxy-4-aminophenyl)benzenesulphonamide;
 - N-(2-hydroxy-4-(acetylamino)phenyl)benzene-sulphonamide;

 - N-(2-hydroxy-4-(methoxycarbonylamino)phenyl)-benzenesulphonamide;
 - N-(2-hydroxy-5-chlorophenyl)benzenesulphonamide;
 - N-(2-hydroxy-4-methyl-5-chlorophenyl)benzene-sulphonamide;
 - N-(2-hydroxy-4-amino-5-chlorophenyl)benzene-sulphonamide;
 - N-(2-hydroxy-4-acetylamino-5-chlorophenyl)-benzenesulphonamide;
 - N-(2-hydroxy-4-methoxycarbonylamino-5-chloro-phenyl)benzenesulphonamide;
 - N-(2-hydroxy-5-methoxyphenyl)benzenesulphonamide;
 - N-(2-hydroxy-4-methyl-5-methoxyphenyl)benzene-sulphonamide;
 - N-(2-hydroxy-4-amino-5-methoxyphenyl)benzene-sulphonamide;
 - N-(2-hydroxy-4-acetylamino-5-methoxyphenyl)-benzenesulphonamide;
 - N-(2-hydroxy-4-methoxycarbonylamino-

5-methoxy-phenyl)benzenesulphonamide;

- N-(2-hydroxy-6-aminophenyl)benzenesulphonamide;
- N-(2-hydroxy-6-(acetylamino)phenyl)benzene-sulphonamide;
- N-(2-hydroxy-4,6-diaminophenyl)benzene-sulphonamide;
- N-(2-hydroxy-4-acetylamino-6-aminophenyl)benzene-sulphonamide;
- N-(2-hydroxy-3,5-dichloro-4-methylphenyl)benzene-sulphonamide;
- N-(2-hydroxy-3,5-dichloro-4-aminophenyl)benzene-sulphonamide;
- N-(2-hydroxy-3,5-dichloro-4-(acetylamino)phenyl)-benzenesulphonamide;
- N-(2-hydroxy-3,5-dichloro-

4-(methoxycarbonyl-amino)phenyl)benzenesulphonamide;

- N-(2-hydroxy-3-(benzenesulphonylamino)phenyl)-benzenesulphonamide;
and their addition salts with an acid.

14. (Amended) Composition according to Claim 1, characterized in that the compound or compounds of formula (I) and/or the addition salt or their addition salts with an acid preferably represent from 0.0005 to 12% by weight approximately of the total weight of the dyeing composition.

15. (Amended) Composition according to Claim 1, characterized in that the addition salts with an acid are chosen from hydrochlorides, hydrobromides, sulphates, citrates, succinates, tartrates, lactates and acetates.

16. (Amended) Process for the dyeing of keratinous fibres and in particular of human keratinous fibres, such as the hair, characterized in that at least one dyeing composition as defined in Claim 1 is applied to the said fibres and in that the colour is developed at acidic, neutral or alkaline pH using an oxidizing agent which is added only at the time of use to the dyeing composition or which is present in an oxidizing composition applied simultaneously or sequentially in a separate fashion.

17. (Amended) Process according to Claim 16, wherein the oxidizing agent is chosen from hydrogen peroxide, urea hydrogen peroxide, alkali metal bromates, persalts and enzymes.

18. (Amended) Process according to Claim 17, wherein the enzymes are chosen from peroxidases, laccases, tyrosinases and oxidoreductases.